

ABSTRACT OF THE DISCLOSURE

An automatic blood analysis and identification system permits patient identification and other vital information, such as blood type and Rh factor, to be automatically printed directly on a container holding a bodily fluid sample almost immediately after the sample has been drawn and analyzed. There is no manual handling of the sample between the draw and the identification. The system includes a carrier unit for holding at least one clear sample container, and a printer disposed within the unit for printing information onto the sample container. A photo-analyzer analyzes a bodily fluid sample within the sample container, and sends information to the printer which prints the information onto the sample container. The system may also be configured to utilize radio frequency identification (RFID) technology to imprint electronic data bearing the information onto a microchip implanted within the sample container.